

Title (en)

Transmission of multicast and broadcast content and method thereof

Title (de)

Übertragung von Multicast- und Broadcast-Inhalt und Verfahren dafür

Title (fr)

Transmission de contenu multidiffusion et de diffusion et procédé correspondant

Publication

**EP 2083534 A1 20090729 (EN)**

Application

**EP 08290066 A 20080125**

Priority

EP 08290066 A 20080125

Abstract (en)

The present invention provides a method of transmitting multicast and broadcast content in a mobile access network, the mobile access network comprising: at least one multicast-broadcast service zone with at least one Base Station, a Multicast-Broadcast server for each one of the multicast-broadcast service zones, the mobile access network coupled to a content distribution network, the content distribution network comprising a content server coupled to an IP multicast network, the content server being adapted for multicast and broadcast transmission, the method comprising the steps of: sending a first join request using a membership protocol for a multicast group from a Multicast-Broadcast server to the content distribution network; sending a second join request using the membership protocol and sending a first multicast IP packet from the multicast/broadcast content server to the multicast-broadcast server using a first multicast routing protocol. The method further comprises: encapsulating the first multicast IP packet into a second multicast IP packet; sending the second multicast IP packet to the local multicast group of the multicast-broadcast service zone using a second multicast routing protocol.

IPC 8 full level

**H04L 12/18** (2006.01)

CPC (source: EP US)

**H04L 12/189** (2013.01 - EP US); **H04L 45/16** (2013.01 - EP US); **H04L 45/48** (2013.01 - US); **H04L 12/1836** (2013.01 - EP US); **H04L 61/5069** (2022.05 - EP US); **H04L 2212/00** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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